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Claims 1-20 are pending. Claims 1, 13 and 17 have been amended. Claim 8 has been canceled.

1       1. (Currently Amended) A method for controlling network digital broadcasting service,  
2       comprising steps of:

3       directly requesting, at a client, a digital broadcasting server for a session connection, and  
4       establishing a session by receiving a confirmation message for the session connection from the  
5       digital broadcasting server; and

6       directly requesting, at the client, the digital broadcasting server for a channel change, and  
7       changing a channel by receiving a confirmation message for confirming the channel change from the  
8       digital broadcasting server,

9       wherein a message for requesting the channel change and the confirmation message for  
10      confirming the channel change each include a DSM-CC (Digital Storage Media-Command and  
11      Control) message header field, the message for requesting the channel change is a  
12      ProgramSelectRequest message including: the DSM-CC (Digital Storage Media-Command and  
13      Control) message header field, a Session ID (Identification) field, a STB (Set Top Box) status field,  
14      a broadcast ProgramId field, and a Client ID field, and the ProgramSelectRequest message is  
15      transmitted from the client to the digital broadcasting server.

1       2. (Original) The method according to claim 1, further comprising:

2       receiving, at the client, a message for checking a status of the client from the digital

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3 broadcasting server, and directly delivering a confirmation message for checking the status of the  
4 client to the digital broadcasting server.

1 3. (Original) The method according to claim 1, further comprising:  
2 directly requesting, at the client, the digital broadcasting server for a session termination and  
3 terminating a session by receiving a confirmation message for the session termination from the  
4 digital broadcasting server.

1 4. (Original) The method according to claim 1, further comprising:  
2 directly requesting, at the digital broadcasting server, the client for a session termination and  
3 terminating a session by receiving a confirmation message for the session termination from the  
4 client.

1 5. (Original) The method according to claim 1, further comprising the step of directly  
2 receiving, at the client, a session termination request from the digital broadcasting server, and  
3 terminating a session if the client cannot transmit a response to the session termination request from  
4 the digital broadcasting server.

1 6. (Original) The method according to claim 1, wherein a protocol between the client and  
2 the digital broadcasting server is a TCP/IP (Transmission Control Protocol/Internet Protocol).

1 7. (Original) The method according to claim 1, wherein a message for requesting the session

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2 connection is a SessionSetupRequest message including: a DSM-CC (Digital Storage  
3 Media-Command and Control) message header field, a Session ID (Identification) field, a Reserved  
4 field, a Client ID field, and a Server ID field, and the SessionSetupRequest message is transmitted  
5 from the client to the digital broadcasting server.

1 8. (Canceled)

1 9. (Original) The method according to claim 2, wherein the message for checking the status  
2 of the client is a ServerStatusRequest message including: a DSM-CC (Digital Storage  
3 Media-Command and Control) message header field, a Reason field, a statusType field, a  
4 resourceNumber field for showing a number of a resource whose status is wanted to be known, a  
5 Reserved field, and a client ID field, and the ServerStatusRequest message is transmitted from the  
6 digital broadcasting server to the client.

1 10. (Original) The method according to claim 3, wherein a message for requesting a session  
2 termination is a ClientReleaseRequest message including: a DSM-CC (Digital Storage  
3 Media-Command and Control) message header field, a session ID field, a Reason field, and a  
4 ClientID field, and the ClientReleaseRequest message is transmitted from the client to the digital  
5 broadcasting server.

1 11. (Original) The method according to claim 4, wherein a message for requesting a session  
2 termination is a ServerReleaseRequest message including: a DSM-CC (Digital Storage

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3 Media-Command and Control) message header field, a session ID field, a Reason field, and a  
4 ClientID field, and the ServerReleaseRequest message is transmitted from the digital broadcasting  
5 server to the client.

1 12. (Original) The method according to claim 1, wherein the confirmation message for  
2 confirming the session connection is a SessionSetupConfirm message including: a DSM-CC (Digital  
3 Storage Media-Command and Control) message header field, a Session ID (Identification) field, a  
4 response field, and a Server ID field, and the SessionSetupConfirm message is transmitted from the  
5 digital broadcasting server to the client.

1 13. (Currently Amended) ~~The method according to claim 1, wherein A method for  
2 controlling network digital broadcasting service, comprising steps of:~~

3 ~~directly requesting, at a client, a digital broadcasting server for a session connection, and  
4 establishing a session by receiving a confirmation message for the session connection from the  
5 digital broadcasting server; and~~

6 ~~directly requesting, at the client, the digital broadcasting server for a channel change, and  
7 changing a channel by receiving a confirmation message for confirming the channel change from the  
8 digital broadcasting server,~~

9 ~~wherein a message for requesting the channel change and the confirmation message for  
10 confirming the channel change each include a DSM-CC (Digital Storage Media-Command and  
11 Control) message header field, the confirmation message for confirming the channel change is a  
12 ProgramSelectConfirm message including: the DSM-CC (Digital Storage Media-Command and~~

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13 Control) message header field, a Session ID (Identification) field, a response field, a broadcast  
14 ProgramId field, and a Client ID field, and the ProgramSelectConfirm message is transmitted from  
15 the digital broadcasting server to the client.

1 14. (Original) The method according to claim 2, wherein the confirmation message for  
2 confirming the status of the client is a ServerStatusConfirm message including: a DSM-CC (Digital  
3 Storage Media-Command and Control) message header field, a Response field, a statusType field,  
4 a resourceNumber field for showing a number of a resource whose status is wanted to be known, a  
5 resourceStatus field, and a client ID field, and the ServerStatusConfirm message is transmitted from  
6 the client to the digital broadcasting server for confirming the status of the client.

1 15. (Original) The method according to claim 3, wherein the confirmation message for  
2 confirming a session termination is a ClientReleaseConfirm message including: a DSM-CC (Digital  
3 Storage Media-Command and Control) message header field, a session ID field, a response field, and  
4 a ClientID field, and the ClientReleaseConfirm message is transmitted from the digital broadcasting  
5 server to the client.

1 16. (Original) The method according to claim 4, wherein the confirmation message for  
2 confirming a session termination is a ServerReleaseConfirm message including: a DSM-CC (Digital  
3 Storage Media-Command and Control) message header field, a session ID field, a response field, and  
4 a ClientID field, and the ServerReleaseConfirm message is transmitted from the client to the digital  
5 broadcasting server.

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1       17. (Currently Amended) A system controlling a network digital broadcasting service  
2       comprises:

3           a client and a digital broadcasting server, the client directly requesting the digital  
4       broadcasting server for a session connection, and establishing a session by receiving a confirmation  
5       message for the session connection from the digital broadcasting server; and

6           the client directly requesting a program change from the digital broadcasting server and  
7       receiving a confirmation message from the digital broadcasting server, when the digital broadcasting  
8       server confirms the program change,

9           wherein a message requesting the program change and the confirmation message confirming  
10      the program change each include a DSM-CC (Digital Storage Media-Command and Control)  
11      message header field, the message for requesting the program change is a ProgramSelectRequest  
12      message including: the DSM-CC (Digital Storage Media-Command and Control) message header  
13      field, a Session ID (Identification) field, a STB (Set Top Box) status field, a broadcast ProgramId  
14      field, and a Client ID field, and the ProgramSelectRequest message is transmitted from the client to  
15      the digital broadcasting server..

1       18. (Original) The system according to claim 17, further comprising:  
2           the client periodically receiving a message from the digital broadcasting server for checking  
3       a status of the client, and directly delivering a client status confirmation message, indicative of the  
4       status of the client, to the digital broadcasting server.

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1        19. (Original) The system according to claim 17, further comprising:  
2                the client directly requesting the digital broadcasting server for a session termination and  
3                terminating a session by receiving a confirmation message for the session termination from the  
4                digital broadcasting server.

1        20. (Original) The system according to claim 17, further comprising:  
2                the digital broadcasting server directly requesting the client for a session termination and  
3                terminating a session by receiving a confirmation message for the session termination from the  
4                client.